



Figure 7. The structures of halomon (1) and some related compounds from the red alga *Portieria hornemannii*. The compounds were comparatively evaluated in the NCI in vitro screen (Table 2).

Table 2. Results of Comparative Testing of Halomon and Related Compounds in the NCI In Vitro Screen*

Compound number ^a	Mean panel response values (μM) ^b			COMPARE correlation coefficients ^c		
	GI ₅₀	TGI	LC ₅₀	GI ₅₀	TGI	LC ₅₀
1	0.7	3	12	1.00	1.00	1.00
2	1.3	4.5	16	0.92	0.94	0.95
3	0.7	3.4	17	0.91	0.92	0.89
4	0.7	3	14	0.95	0.95	0.93
5	20	48	>100	<.05	<.05	<.05
6	47	>100	>100	<.05	<.05	<.05
7	26	77	>100	<.05	<.05	<.05
8	20	45	>100	<.05	<.05	<.05

*Data are from Fuller et al. [1994].

^aSee Figure 7.

^bCalculations are based upon the averaged values from all available tests for each compound; standard errors averaged less than 10-15% of the respective means.

^cCOMPARE correlation coefficients were calculated using the GI₅₀, TGI, or LC₅₀ mean-graphs of compound 1 (halomon) as the "seed" or benchmark compound for the comparisons against the corresponding GI₅₀, TGI or LC₅₀ mean-graphs of the compounds of interest.